

**From:** [Gray, David](#)  
**To:** [Edlund, Carl](#)  
**Cc:** [Coleman, Sam](#); [Peterson, Mary](#); [Crossland, Ronnie](#)  
**Subject:** Re: AP calling: Ozone emissions and monitoring in Houston  
**Date:** Sunday, September 3, 2017 9:15:27 AM

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Let me forward my draft

Sent from my iPhone

On Sep 3, 2017, at 10:14 AM, Edlund, Carl <[Edlund.Carl@epa.gov](mailto:Edlund.Carl@epa.gov)> wrote:

We are working on a response. Discuss at noon or earlier.

Sent from my iPad

On Sep 3, 2017, at 8:11 AM, Coleman, Sam <[Coleman.Sam@epa.gov](mailto:Coleman.Sam@epa.gov)> wrote:

Who is working on this?

Samuel Coleman, P. E.,  
Deputy Regional Administrator

214.665.2100 Ofc  
214.665. 3110 Desk  
214.665.2016 Cell

[Coleman.sam@epa.gov](mailto:Coleman.sam@epa.gov)

Sent from my iPhone

Begin forwarded message:

**From:** "Bowman, Liz" <[Bowman.Liz@epa.gov](mailto:Bowman.Liz@epa.gov)>  
**Date:** September 3, 2017 at 7:00:42 AM CDT  
**To:** "Gray, David" <[gray.david@epa.gov](mailto:gray.david@epa.gov)>  
**Cc:** "Grantham, Nancy" <[Grantham.Nancy@epa.gov](mailto:Grantham.Nancy@epa.gov)>, "Abboud, Michael" <[abboud.michael@epa.gov](mailto:abboud.michael@epa.gov)>, "Wagner, Kenneth" <[wagner.kenneth@epa.gov](mailto:wagner.kenneth@epa.gov)>, "Hewitt, James" <[hewitt.james@epa.gov](mailto:hewitt.james@epa.gov)>, "Graham, Amy" <[graham.amy@epa.gov](mailto:graham.amy@epa.gov)>, "Coleman, Sam" <[Coleman.Sam@epa.gov](mailto:Coleman.Sam@epa.gov)>  
**Subject:** Re: AP calling: Ozone emissions and monitoring in Houston

Are you able to pull together some draft responses?

Sent from my iPhone

On Sep 3, 2017, at 5:47 AM, Gray, David <[gray.david@epa.gov](mailto:gray.david@epa.gov)> wrote:

Liz - questions about air monitoring near the plants in Houston.  
David

Sent from my iPhone

Begin forwarded message:

**From:** "Bajak, Frank" <[FB@IAK@ap.org](mailto:FB@IAK@ap.org)>  
**Date:** September 3, 2017 at 12:39:05 AM EDT  
**To:** Terry Clawson <[terry.clawson@tceq.texas.gov](mailto:terry.clawson@tceq.texas.gov)>, "David Gray" ([gray.david@epa.gov](mailto:gray.david@epa.gov)) <[gray.david@epa.gov](mailto:gray.david@epa.gov)>, "[andrea.morrow@tceq.texas.gov](mailto:andrea.morrow@tceq.texas.gov)" <[andrea.morrow@tceq.texas.gov](mailto:andrea.morrow@tceq.texas.gov)>, "[jones.enesta@epa.gov](mailto:jones.enesta@epa.gov)" <[jones.enesta@epa.gov](mailto:jones.enesta@epa.gov)>  
**Cc:** "Weissert, Will" <[WWeissert@ap.org](mailto:WWeissert@ap.org)>, "Dearen, Jason H." <[JDearen@ap.org](mailto:JDearen@ap.org)>  
**Subject:** AP calling: Ozone emissions and monitoring in Houston

Hi Terry and David,  
I have some questions regarding emissions in Houston:

<!--[if !supportLists]-->1)<!--[endif]-->You are doing air monitoring at the Arkema plant in Crosby. Can you tell me what your monitoring has found? What chemicals in what concentrations? Where are you doing the monitoring exactly?  
2) Are EPA/TCEQ monitoring air quality around petrochemical plants and refineries looking for potential problems? Have they deployed any mobile air monitors? (I gather these are EPA crews working in coordination with TCEQ?) If so, what have they found in the last few days near the petrochemical plants around the ship channel? If they haven't been monitoring, why not? The startup and shutdown operations typically produce heavier emissions of airborne contaminants, right?  
3) I saw an ozone level of 201 ppb recorded in Houston on Friday on [airnow.gov](http://airnow.gov) and Andrea Morrow of TCEQ told my colleague Jason Dearen that the reading was recorded as a single hourly max at one monitoring station. Your ozone level for the day (95 ppb) is based on an eight-hour of average, she said. But that does not deny that a single station had that maximum level, correct? What station was it? Can you tell me what hour of the day? Did any other stations Very Unhealthy ozone levels on Friday or Saturday?  
4) What are the state of Texas and the EPA doing to monitor public health near the petrochemical plants and refineries given the extraordinary shutdown and startup pollution and the possibility of contaminants released into their neighborhoods? Will there be health monitoring? If so, by whom? If not, why not?

Many thanks,

-fb

Frank Bajak, Correspondent

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PGP/encrypted chat: <http://keybase.io/fbajak06CFF14700F4CAA4>

PGP key at <http://pgp.mit.edu> -Wickr, Signal, WhatsApp

Houston, Texas, U.S.A



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